PATENT COOPERATION TREATY PCT

INTERNATIONALSEARCHREPORT

(PCT Article 18 and Rules 43 and 44)



Applicant's or agent's file reference 00000 PCT 8298	FOR FURTHER ACTION as we	see Form PCT/ISA/220 ell as, where applicable, item 5 below.		
International application No.	International filing date(day/month/year)	(Earliest) Priority Date (day/month/year)		
PCT/JP2005/020663	04.11.2005	05.11.2004		
Applicant SEMICONDUCTOR ENERG	GY LABORATORY CO.,LT	D.		
This international search report has been port to Article 18. A copy is being transmitted	•	ity and is transmitted to the applicant according		
This international search report consists o	f a total of3 sheets.			
It is also accompanied by a cor	py of each prior art document cited in this rep	ort.		
_	a. With regard to the language, the international search was carried out on the basis of: the international application in the language in which it was filed			
1	ed for the purposes of international search (Ru	, which is the language lies 12.3(a) and 23.1(b))		
	le and/or amino acid sequence disclosed in			
	unsearchable (see Box No. II)	the incritational application, see box 110. 1.		
3. Unity of invention is lacking	(see Box No. III)			
4. With regard to the title,	, (See Box 110. III)			
the text is approved as submitted by the applicant				
12. The text has been established by this Authority to read as follows.				
en de la companya de La companya de la co				
5. With regard to the abstract,				
the text is approved as submitt	ted by the applicant			
		y as it appears in Box No. IV. The applicant		
may, within one month from the date of mailing of this international search report, submit comments to this Authority 6. With regard to the drawings,				
a. the figure of the drawings to be published with the abstract is Figure No.				
a. The figure of the mawnigs to be put				
as suggested by the appl		1		
	ority, because the applicant failed to suggest a	130		
		he invention		
as selected by this Author b. none of the figures is to be put	ority, because this figure better characterizes to blished with the abstract	he invention		

INTERNATIONALSEARCHREPORT

International application No. PCT/JP2005/020663

Δ	. CLASSIFICATION OF SUBJECT	î N	MATTER

Int.Cl. H01L51/50(2006.01), G09F9/30(2006.01), H01L27/32(2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl. H01L51/50(2006.01), G09F9/30(2006.01), H01L27/32(2006.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1996 Published unexamined utility model applications of Japan 1971-2006 Registered utility model specifications of Japan 1996-2006 Published registered utility model applications of Japan 1994-2006

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS	CONSIDERED	TO BE	RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	JP 2006-24791 A (KIDO JUNJI et al) 2006.01.26, All Claims, Full text (Not yet Family	1-13
P,X	Data Reported)	14-26
P,A	JP 2005-166637 A (KIDO JUNJI et al) 2005.06.23,All Claims, Full text, Graph 2	1-13
P,X	& CN 1620212 A & EP 1530245 A2 & US 2005-098207 A1	14-26
А	JP 2003-272860 A (KIDO JUNJI et al) 2003.09.26 claims paragraph 60,61 & CN 1447629 A & EP 1351558 A1 & US 2003-189401 A1	1-26

Z	Further documents are listed in the continuation of Box C.	See patent family annex.		
* "A" "E" "L" "O" "P"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"X" document of particular relevance; the claimed invention canno be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention canno be considered to involve an inventive step when the document is combined with one or more other such documents, such		
Date of the actual completion of the international search		Date of mailing of the international search report		
	02.02.2006 21.02.2006			
Name and mailing address of the ISA/JP		Authorized officer 2V 9 3 1 3		
Japan Patent Office		Tsutomu Kosugo		
3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan Teleph		Telephone No. +81-3-3581-1101 Ext. 3271		



International application No. PCT/JP2005/020663

		101/01	2005/020663
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relev	ant passages	Relevant to claim No.
А	JP 2000-309566 A (IDEMITSU KOSAN CO) 2000.11.07, Claims, paragraph 147 & CN 1277626 A & EP 1029909 A1 & TW 2 & US 2003-143430 A1 & WO 00/14174 A	22965 В	1-26
А	WO 04/094389 A (SEMICONDUCTOR ENERGY 2004.11.04, Claims & EP 1616864 AlV & US 2005- 186446 Alv	LAB)	1-26
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